

IN THE CLAIMS

Please amend the claims as shown in the clean form below:²

Sub B2
1. (Amended) A connector for a side plate of a cartridge which removably attaches to an apparatus and contains electronic parts, comprising:

a plug housing including a back face opposing to the side plate of the cartridge of the electronic parts and holding at least one contact;

a cover housing combined with the plug housing; and

a circuit board held by the plug housing, the cover housing and the at least one contact, the circuit board electrically connected to the apparatus via the contact.

A2
2. (Amended) The connector for a cartridge of electronic parts according to claim 1, wherein the plug housing and the cover housing are combined with each other and are slideable relative to each other in a direction parallel with a surface of the circuit board.

3. (Amended) The connector according to claim 2, wherein the cover housing includes guide grooves configured to guide the plug housing in a sliding motion, and edge sections of the circuit board and edge sections of the plug housing both which are slideable in the guide grooves.

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4. (Amended) The connector for a cartridge of electronic parts according to claim 1, wherein the circuit board is connected with the plug housing such that the circuit board covers an open portion of the plug housing thereby forming a closed cross-section with the plug housing.

² The changes being made to the claims are shown using underlining and bracketing in the attachment hereto.

6. (Amended) The connector for a cartridge of electronic parts according to claim 1, wherein a unit including the plug housing, the circuit board and a contact are unitarily assembled into the cover housing.

Sub B3
7. (Amended) The connector for a cartridge of electronic parts according to claim 5, wherein a forward end of a holding member which holds the circuit board and an exposed end portion of a lead penetrating the circuit board are located on the back face of the plug housing.

8. (Amended) The connector for a cartridge of electronic parts according to claim 6, wherein the cover housing includes a protruding section configured to attach to the cartridge of electronic parts.

9. (Amended) The connector for a cartridge of electronic parts according to claim 1, wherein a lock section is configured to lock both the plug housing and the cover housing, which are combined with each other, and is arranged in a space surrounded by the plug housing and the cover housing.

Please add new Claims 10-20 as shown below:

Sub C1
10. (New) A connector for a cartridge of electronic parts, which is a plug type connector fixed to a side plate of the cartridge of electronic parts, comprising:
a plug housing including a back face opposing to the side plate of the cartridge of electronic parts;
a cover housing combined with the plug housing; and
a circuit board held by both the housings;
wherein the cover housing includes a protruding section configured to attach to the cartridge of electronic parts.

~~11~~¹³. (New) The connector of claim ~~10~~¹³, wherein the cartridge of electronic parts is a cartridge of toner.

~~10~~¹⁰. (New) The connector of claim 1, wherein said circuit board includes a memory, and the memory is configured to communicate with the apparatus to obtain updated information related to the cartridge.

~~11~~¹¹. (New) The connector of claim ~~12~~¹⁰, wherein the information includes at least one of an amount of image formation, residual toner quantity, and an ID number.

~~10~~¹⁰. (New) The connector of claim ~~12~~¹⁰, wherein said memory is maintained during disconnection of the cartridge to the apparatus.

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15. (New) A connector system for an image apparatus, comprising:
a cartridge configured to removably attach to the image apparatus;
a plug housing including a back face opposing to the side plate of the cartridge of electronic parts and holding at least one contact;
a cover housing combined with the plug housing; and
a circuit board held by the plug housing, the cover housing and the contact, the circuit board electrically connected to the apparatus via the contact.

16. (New) The connector system of claim 15, wherein the cartridge of electronic parts is a cartridge of toner.

17. (New) The connector system of claim 15, wherein said circuit board includes a memory, and the memory is configured to communicate with the apparatus to obtain updated information related to the cartridge.